



AMENDMENTS TO THE CLAIMS

1.- 8. (Canceled)

9. (Withdrawn, Currently Amended) Plant cells, plant tissue or plant prepared by the method according to claim 22, 27, 28 or 29-1 to 8.

10.-11. (Canceled)

12. (Withdrawn, Currently amended) Angiosperm cells, angiosperm tissue or angiosperm prepared by the method according to claim 23 10 or 11.

13.- 14. (Canceled)

15. (Withdrawn, Currently Amended) The monocotyledon cells, monocotyledon tissue or monocotyledon prepared by the method according to claim 24 13 or 14.

16.- 17. (Canceled)

18. (Withdrawn, Currently Amended) The cells of the plant belonging to family Gramineae, the tissue of the plant belonging to family Gramineae, or the plant belonging to family Gramineae prepared by the method according to claim 25 16 or 17.

19.- 20. (Canceled)

21. (Withdrawn, Currently Amended) Rice cells, rice tissue, rice, maize cells, maize tissue or maize prepared by the method according to claim 26 19 or 20.

22. (New) A method for transforming a plant, plant cell, or plant tissue with a desired gene comprising

centrifuging the plant cell, the plant tissue or the plant; under a centrifugal acceleration of 1000G to 150,000G and

contacting the plant, the plant cell, or the plant tissue with *Agrobacterium*, wherein said *Agrobacterium* includes the desired gene and wherein said centrifugation promotes efficiency of the transformation of the desired gene into said plant cell, tissue or plant.

23. (New) The method according to claim 22, wherein said plant cell, said plant tissue or said plant is an angiosperm.

24. (New) The method according to claim 22, wherein said plant cell, said plant tissue or said plant is a monocotyledon.

25. (New) The method according to claim 24, wherein said plant cell, said plant tissue or said plant belongs to the family Gramineae.

26. (New) The method according to claim 25, wherein said plant cell, said plant tissue or said plant is rice or maize.

27. (New) The method according to any of claims 22-26 wherein said contacting is carried out after centrifuging said plant cell, said plant tissue or said plant.

28. (New) The method according to claim 27, wherein said centrifugation is carried out for 1 second to 4 hours.

29. (New) The method according to claim 28, wherein said centrifugation is carried out for 5 minutes to 2 hours.